

OPINION 1906

Euchroeus Latreille, 1809 (Insecta, Hymenoptera): conserved; *Chrysis purpurata* Fabricius, 1787 (currently *Euchroeus purpuratus*): specific name conserved; and *Chrysis gloriosa* Fabricius, 1793: specific name suppressed

Keywords. Nomenclature; taxonomy; Hymenoptera; cuckoo wasps; CHRYSIDIDAE; *Euchroeus*; *Euchroeus purpuratus*; *Chrysis gloriosa*; *Holopyga gloriosa*.

Ruling

- (1) Under the plenary powers:
 - (a) all previous type fixations for the nominal species *Chrysis purpurata* Fabricius, 1787 are hereby set aside;
 - (b) the name *gloriosa* Fabricius, 1793, as published in the binomen *Chrysis gloriosa*, is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.
- (2) The name *Euchroeus* Latreille, 1809 (gender: masculine), type species by monotypy *Chrysis purpurata* Fabricius, 1787, is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *purpurata* Fabricius, 1787, as published in the binomen *Chrysis purpurata* and as defined by the female neotype (a Latreille specimen in the Spinola collection in the Museo Regionale di Scienze Naturali in Turin, Italy) designated by Pavesi & Strumia (1998) (specific name of the type species of *Euchroeus* Latreille, 1809), is hereby placed on the Official List of Specific Names in Zoology.
- (4) The name *gloriosa* Fabricius, 1793, as published in the binomen *Chrysis gloriosa* and as suppressed in (1)(b) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology.

History of Case 2988

An application for the conservation of the generic name *Euchroeus* Latreille, 1809 and the specific name of *Chrysis purpurata* Fabricius, 1787, together with the suppression of *Chrysis gloriosa* Fabricius, 1793, was received from Dr Maurizio Pavesi (*Museo Civico di Storia Naturale, Milan, Italy*) and Prof Franco Strumia (*Università di Pisa, Pisa, Italy*) on 9 June 1995. After correspondence the case was published in BZN 54: 26–30 (March 1997). Notice of the case was sent to appropriate journals.

Decision of the Commission

On 1 March 1998 the members of the Commission were invited to vote on the proposals published in BZN 54: 29. At the close of the voting period on 1 June 1998 the votes were as given below, presented here in two parts. Part (1) relates to the conservation of *Euchroeus* Latreille, 1809 and the specific name of *Chrysis purpurata* Fabricius, 1787 (proposals (1)(a), (2) and (3)); part (2) relates to the suppression of the specific name of *C. gloriosa* Fabricius, 1793 (proposals (1)(b) and (4)).

Part 1. Affirmative votes — 24: Bock, Bouchet, Brothers, Cocks, Cogger, Dupuis, Eschmeyer, Heppell, Kabata, Kerzhner, Kraus, Lehtinen, Mahnert, Martins de Souza, Mawatari, Minelli, Nielsen, Nye, Papp, Patterson, Savage, Schuster, Song, Štys

Negative votes — none.

Part 2. Affirmative votes — 21: Bock, Brothers, Cocks, Cogger, Eschmeyer, Heppell, Kabata, Kerzhner, Kraus, Lehtinen, Mahnert, Martins de Souza, Mawatari, Minelli, Nielsen, Nye, Papp, Patterson, Savage, Schuster, Song

Negative votes — 2: Bouchet and Štys.

Dupuis abstained.

No votes were received from Macpherson.

Ride was on leave of absence.

Cogger commented: 'My vote in favour of setting aside Kimsey's (1988) lectotype for *Chrysis purpurata* Fabricius, 1787 is conditional on the designation of a neotype, a possibility mentioned at the end of para. 9 of the application'. Kerzhner commented: 'I would prefer that a neotype for *C. purpurata* be designated. Setting aside the lectotype without designation of a neotype would not prevent a future author from designating again as the lectotype one of the three specimens in Fabricius's collection'. [Editorial note. The selection of a neotype for *C. purpurata* was suggested to the authors of the application (M. Pavesi and F. Strumia). They replied (in litt., July 1998): 'We fully agree with this suggestion. The designation of a neotype for *C. purpurata* would make the Commission ruling more secure. We have visited the Turin Museum and examined the four female Latreille specimens in the Spinola collection mentioned in para. 9 of the application. A label on the bottom of the box records 'Euchroeus purpureus Latr. // - purpuratus (Chr.) Fab. // Coll. Latr. Fr. mérid.'. Of the four specimens, one with a handwritten label '1706' was possibly a later addition to the collection; two others are badly damaged and headless; the last one fits Fabricius's (1787) description well and is the most appropriate for designation as the neotype. We designate this specimen as the neotype of *Chrysis purpurata* Fabricius, 1787'. This designation has been recorded in the ruling above. Fabricius (1787) described *Chrysis purpurata* from Halle, Germany; Latreille (1805, 1809) recorded his specimens from 'aux environs de Paris']. Lehtinen commented: 'The suppression of *Chrysis gloriosa* Fabricius, 1793 is not necessary and possibly not even desirable. A study of North African material would probably solve its identity and a well documented neotype from this area could be designated. Kimsey's (1988) careless lectotype designation (para. 14 of the application) should be set aside, as proposed for that of *C. purpurata*'. Bouchet commented: 'The application fails to document the consequences of the rejection of the name *C. gloriosa*. It states (para. 12; also para. 15) that it 'has long been used, although mistakenly, as the valid synonym of *Holopyga amoenula* Dahlbom, 1845'. Would it not have been preferable to stabilise *gloriosa* in this accustomed sense by a neotype designation? The Commission has been asked to suppress the name without exploring any other alternative'.

Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

Euchroeus Latreille, 1809, *Genera Crustaceorum et Insectorum*, vol. 4, p. 49.
gloriosa, *Chrysis*, Fabricius, 1793, *Entomologia Systematica emendata et aucta*, vol. 2, p. 242.
purpurata, *Chrysis*, Fabricius, 1787, *Mantissa Insectorum*, vol. 1, p. 283.

The following is the reference for the designation of the neotype of *Chrysis purpurata* Fabricius, 1787:

Pavesi, M. & Strumia, F. 1998. BZN 55: 195.